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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Complete if Known

Application Number 10767732  
Filing Date 1/28/04  
First Named Inventor CHAMPION, David  
Art Unit 2879  
Examiner Name Walford  
Attorney Docket Number 200300734-1

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
NEW		US- 20020154403-A1	10-24-2002	TROTTER, JR.	
NEW		US- 6,468,823-B1	10-22-2002	SCHERER ET AL.	
NEW		US- 6,392,787-B1	05-21-2002	CIRELLI ET AL.	
NEW		US- 6,358,854-B1	03-19-2002	FLEMING ET AL.	
NEW		US- 6,358,653-B1	03-19-2002	TURBERFIELD ET AL.	
NEW		US- 6,139,626-B	10-31-2000	NORRIS ET AL.	
NEW		US- 5,998,298-B	12-07-1999	FLEMING ET AL.	
NEW		US- 5,997,795-B	12-07-1999	DANFORTH ET AL.	
NEW		US- 5,651,818-B	07-29-1997	MILSTEIN ET AL.	
NEW		US- 5,600,483-B	02-04-1997	FAN ET AL.	
NEW		US- 5,440,421-B	08-08-1995	FAN ET AL.	
NEW		US- 5,406,573-B	04-11-1995	OZBAY ET AL.	
NEW		US- 5,349,265-B	09-20-1994	LEMELSON	
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NEW		US- 5,172,267-B	12-15-1992	YABLONOVITCH	
NEW		US- 3,604,970-B	09-14-1971	CULBERTSON ET AL.	
		US-			
		US-			
		US-			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
NEW		JP-2002-323632-A	11-08-2002	Sumitomo Heavy	Abstract	✓
NEW		JP-2002-323631-A	11-08-2002	Sumitomo Heavy	Abstract	✓
NEW		JP-2000-314817-A	11-14-2000	Nippon Telegrap	Abstract	✓
NEW		JP-2000-284136-A	10-13-2000	Nippon Telegrap	Abstract	✓
NEW		JP 2000-258650-A	09-22-2000	Nippon Telegrap	Abstract	✓

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10/767732

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1/28/04

First Named Inventor

CHAMPION, David

Art Unit

2879

Examiner Name

Walford

Attorney Docket Number

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of

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**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
New		LERNER, "Brighter lights from photonic crystals" Indust. Physicist (Aug./Sep. 2002) p. 13	
New		HEWITT, "Moulds Cut Photonic Crystal Costs" 5/16/02 <a href="http://nanotechweb.org/articles/news/1/5/8/1">http://nanotechweb.org/articles/news/1/5/8/1</a>	
New		ANON, "Tungsten filam..." "The Hindu 5-9-02 <a href="http://www.hinduonnet.com/thehindu/seta/2002/05/09/stories/">http://www.hinduonnet.com/thehindu/seta/2002/05/09/stories/</a>	
New		FLEMING et al. "All-metallic three-dimensional photonic..." Nature V. 417 (5-2-02). p. 52-55	
New		SERVICE, "Building Better Photonic Crystals" SCIENCE V. 295 (Mar. 29, 2002) p. 2399	
New		Anon. "Si-based photonic..." <a href="http://fiscavolta.unipv.it/dipartimento/ricerca/fotonici/Cofin...pdf">http://fiscavolta.unipv.it/dipartimento/ricerca/fotonici/Cofin...pdf</a>	
New		VLASOV et al. "On-chip natural assembly of silicon photonic ..." Nature, V. 414 (11-15-01), p. 289 ff	
New		LIN et al. "Silicon Three-dimensional Photonic ..." Sandia National Lab report SAND2001-3612 (11/01)	
New		GASSER et al. "Real-Space Imaging of Nucleation and Growth ..." Science V 292 (4-13-01) pp. 258-262	
New		NORRIS et al. "Chemical Approaches to Three-Dim..." Adv. Mater., V. 13 (6) (03-16-01). pp. 371-376	

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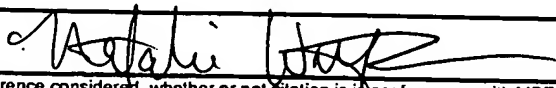
Sheet 3 of 3

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NW		PARKER et al. "Photonic Crystals" Aug. 2000 <a href="http://physicsweb.org/article/world/13/8/9/1">http://physicsweb.org/article/world/13/8/9/1</a>	
NW		WANG et al. "Direct nanoimprint of submicron..." Appl. Phys. Let. V. 75 (18) (11-1-99) pp. 2767-2769	
NW		VLASOV et al. "Synthesis of Photonic Crystals ..." Adv. Mater., V. 11 (2) (1999) pp. 165-169	
NW		ASTRATOV et al. "Photonic band gaps in 3D ordered fcc ..." Phys. Let. A 222 (11-11-96) pp. 349-353	
NW		MCGURN et al. "Photonic band structures of two-..." Phys. Rev. B, V. 48(23) 12-15-93 pp. 17576-17579	
NW		YABLONOVITCH et al. "Photonic Band Structure: " Phys. Rev. Letters V. 67(17) 10-21-91, pp. 2295-2298	
NW		HO et al. "Existence of a Photonic Gap..." Phys. Rev. Letters V. 65(25) 12-17-90, pp. 3152-3155	

Examiner Signature		Date Considered	5/24/06
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